

# Interagency Ecological Program Data Access



Interagency  
Ecological Program

COOPERATIVE ECOLOGICAL  
INVESTIGATIONS SINCE 1970

Rich Breuer

California Department of Water Resources

# IEP Data Access

- History
- Current Access
- IEP Metadata System
- Database Conversion Project
- Integration with CEDEN and MyWater



# History

- 9 Core Agencies
- 40 years of data
- BDAT
- CDEC
- Federal and State Agency Systems



# Current Data Access

- CDEC -Real Time
- IEP Web Site at DWR
- Federal and State Agencies

# *Current Real Time Monitoring*



# Current Access to IEP Data

The screenshot shows the Department of Water Resources website. The main navigation bar includes links for Home, Newsroom, Flood & Safety, Planning, State Water Project, Funding, Environment, Supply & Use, and Data. A search bar is located in the top right corner. The main content area features a banner for the Interagency Ecological Program (IEP) with the text "Cooperative Ecological Investigations in the San Francisco Estuary since 1970". Below the banner is a section for the 2010 IEP Annual Workshop, which includes a photo of a conference and a text description. A red circle highlights the "PRODUCTS" link in the left sidebar, and a red arrow points from this circle to a callout box on the right. The callout box lists the following products: Data and Metadata, IEP Newsletter, Technical Reports, Journal Publications, Maps, and Pictures. The bottom of the screenshot shows a Windows taskbar with various open applications and the system clock.

CA .GOV | DEPARTMENT OF WATER RESOURCES

Skip to: [Content](#) | [Footer](#) | [Accessibility](#) Search  GO  
 California  DWR

Home Newsroom Flood & Safety Planning State Water Project Funding Environment Supply & Use Data

Climate Change and California's Water | Delta Initiatives | Drought | IEP | All Environment Topics...

**Interagency Ecological Program**  
Cooperative Ecological Investigations  
in the San Francisco Estuary since 1970

2010 IEP ANNUAL WORKSHOP IEP Banner

The 2010 IEP Workshop was held at CSU Sacramento on May 25 and 26, 2010. Anke Mueller-Solger, IEP Lead Scientist, is shown here with Agency Directors, moderating the session "Looking Forward Putting IEP into Perspective."  
(Monday, June 21, 2010)  
[▶ WORKSHOP AGENDA WITH LINKS TO PRESENTATIONS](#)

Please [click here](#) to take the IEP Data Users Survey

**PRODUCTS**

- ▶ Data and Metadata
- ▶ IEP Newsletter
- ▶ Technical Reports
- ▶ Journal Publications
- ▶ Maps
- ▶ Pictures

**MONITORING**

The annual "Status and Trends" issue of the IEP newsletter has been released.  
[Read More...](#)

**RESEARCH**

Old school vs. new school: status of threadfin shad (*Dorosoma petenense*) five decades after its introduction to the Sacramento-San Joaquin Delta.  
[Read More...](#)

**WORKSHOPS AND EVENTS**

Bay-Delta Science Conference. Sept. 27-29, 2010

Internet 100%

start Google C:\WIND... 2 Windo... 2 Micros... agenda\_0... 11 Micr... 3 Micros... Interagen... 8:57 AM Tuesday 8/10/2010

- Products
- Data and Metadata
- IEP Newsletter
- Technical Reports
- Journal Publications
- Maps
- Pictures

# Interim Solution-Direct links to IEP



Please [click here](#) to take the IEP Data Users Survey

## DATA AND METADATA

[BDAT](#)

[Dayflow](#)

[Suisun](#)

[DSM2PWT](#)

[I.E.P. HEC-DSS Time-Series Databases](#)

[DFG Data](#)

## RELATED LINKS:

→ [CDEC](#)

→ [USGS \(sediments, flows, salinity\)](#)

## DATA CONTACTS:

### California Department of Water Resources

→ Aquatic Ecological Studies:

→ Fish Data - Kevin Reece [creece@water.ca.gov](mailto:creece@water.ca.gov) 916-376-9755

→ Bay-Delta Monitoring and Analysis Branch:

→ Discrete Phytoplankton Data - Tiffany Brown [tbrown@water.ca.gov](mailto:tbrown@water.ca.gov) 916-376-9723

→ Discrete Water Quality Data - Brianne Nobel [bnobel@water.ca.gov](mailto:bnobel@water.ca.gov) 916-376-9723

→ Discrete Benthic Data - Dan Riordan [driordan@water.ca.gov](mailto:driordan@water.ca.gov) 916-376-9756

→ Vessel Calendar - Scott Waller [swaller@water.ca.gov](mailto:swaller@water.ca.gov) 916-376-9768

→ Environmental Real Time Monitoring Branch:

Links to existing databases, websites, and staff who can provide data sets

## IEP Home

### ACTIVITIES

- Monitoring
- Research
- Pelagic Organism Decline (POD) Investigations
- Program Reviews
- Calendar
- Workshops and Events
- Archive

### PRODUCTS

- Data and Metadata
- IEP Newsletter
- Technical Reports
- Journal Publications
- Maps
- Pictures

# IEP Metadata System-Pilot Project

Interagency Ecological Program (IEP)

CA.GOV DEPARTMENT OF WATER RESOURCES

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Home Newsroom Flood & Safety Planning State Water Project Funding Environment Supply & Use Data

Climate Change and California's Water Delta Initiatives Drought IEP All Environment Topics...



### IEP Metadata & Data Search

**IEP Home**

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- Monitoring
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**PRODUCTS**

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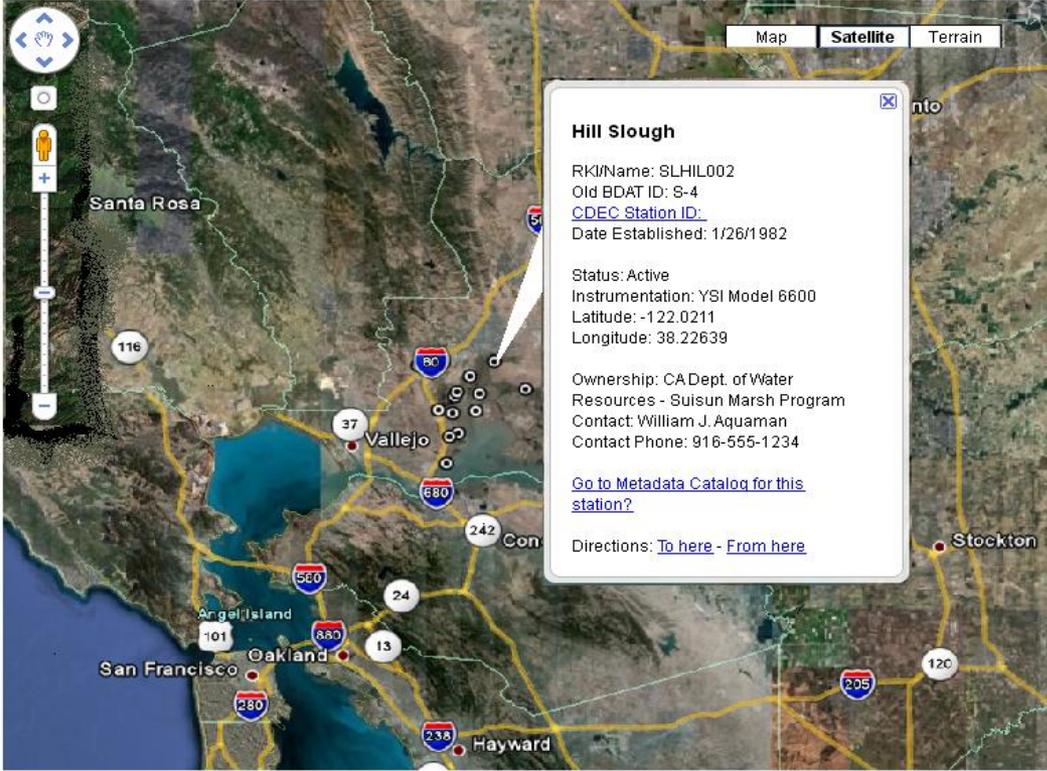
**ABOUT**

- About the Estuary

<http://www.cnbc.com/id/36192494>

**Stations & Sites**

- Hill Slough  
EC  
Temp
- Green Valley Creek-S9  
EC
- Green Valley Creek-S10  
EC  
Temp
- Suisun Creek  
EC
- Sunrise Club  
EC
- Collinsville B  
EC
- Teal Club  
EC
- Cyanus  
EC
- Morrow Island  
EC
- Godfather II  
EC
- Boynton Slough  
EC



**Hill Slough**

RKI/Name: SLHIL002  
Old BDAT ID: S-4  
[CDEC Station ID:](#)  
Date Established: 1/26/1982

Status: Active  
Instrumentation: YSI Model 6600  
Latitude: -122.0211  
Longitude: 38.22639

Ownership: CA Dept. of Water Resources - Suisun Marsh Program  
Contact: William J. Aquaman  
Contact Phone: 916-555-1234

[Go to Metadata Catalog for this station?](#)

Directions: [To here](#) - [From here](#)

start | Inboxes - Microsoft ... | Recovery 'Sustain... | Interagency Ecol... | Software Require... | 9:12 AM

# Database Conversion Project

- DWR Pilot Project
- ACCESS to Oracle
- Upgrade Hardware
- Test Case for other IEP Agencies

# Potential Integration

- IEP linked to CEDEN through Portal
- Future MyWater Workteams
- Synthesis and Analyses
- Uploading of Results to MyWater